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(54) Title: METHOD FOR SELECTIVE REDUCTION OF AROMATIC COMPOUNDS

(57) Abstract: A method for the selective reduction of an aromatic compound. The present invention provides a method for preventing the reduction of at least one halogen substituted aromatic ring of an aromatic compound, while allowing the reduction of at least one functional group on the aromatic compound. In the present invention at least one hydroxyl group is placed on the at least one halogen substituted aromatic ring to be protected from reduction. The aromatic compound is then reacted with at least one alkali metal in at least one nitrogen containing base and at least one alcohol at a ratio of the alcohol to the nitrogen containing base at which the aromatic ring with the hydroxyl group is protected from reduction, while the desired functional group is reduced.

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BEILSTEIN Data, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	A.J. BIRCH AND D. NASIPURI: "REACTION MECHANISMS IN REDUCTIONS BY METAL-AMMONIA SOLUTIONS" TETRAHEDRON, vol. 6, 1959, pages 148-153, XP002333355 the whole document -----	1-17
A	KAISER E M: "A COMPARISON OF METHODS USING LITHIUM/AMINE AND BIRCH REDUCTION SYSTEMS" SYNTHESIS, THIEME, STUTTGART, DE, no. 8, August 1972 (1972-08), pages 391-415, XP002046306 ISSN: 0039-7881 the whole document ----- -/-	1-17

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Patent family members are listed in annex.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	A.J. BIRCH AND G. SUBBA RAO: "Reductions by metal-ammonia solutions and related reagent" ADVANCED ORGANIC CHEMISTRY, vol. 8, 1972, pages 1-65, XP009049761 the whole document -----	1-17